Product datasheet for TL314878V

Iba1 (AIF1) Human shRNA Lentiviral Particle (Locus ID 199)

Product data:

Product Type: shRNA Lentiviral Particles
Product Name: Iba1 (AIF1) Human shRNA Lentiviral Particle (Locus ID 199)
Locus ID: 199
Synonyms: AIF-1; IBA1; IRT-1; IRT1
Vector: pGFP-C-shLenti (TR30023)
Format: Lentiviral particles
RefSeq: NM_001318970, NM_001623, NM_004847, NM_032955, BC009474

Summary:
This gene encodes a protein that binds actin and calcium. This gene is induced by cytokines and interferon and may promote macrophage activation and growth of vascular smooth muscle cells and T-lymphocytes. Polymorphisms in this gene may be associated with systemic sclerosis. Alternative splicing results in multiple transcript variants, but the full-length and coding nature of some of these variants is not certain. [provided by RefSeq, Jan 2016]

shRNA Design:
These shRNA constructs were designed against multiple splice variants at this gene locus. To be certain that your variant of interest is targeted, please contact techsupport@origene.com.
If you need a special design or shRNA sequence, please utilize our custom shRNA service.

Performance Guaranteed:
OriGene guarantees that the sequences in the shRNA expression cassettes are verified to correspond to the target gene with 100% identity. One of the four constructs at minimum are guaranteed to produce 70% or more gene expression knock-down provided a minimum transfection efficiency of 80% is achieved. Western Blot data is recommended over qPCR to evaluate the silencing effect of the shRNA constructs 72 hrs post transfection. To properly assess knockdown, the gene expression level from the included scramble control vector must be used in comparison with the target-specific shRNA transfected samples.

For non-conforming shRNA, requests for replacement product must be made within ninety (90) days from the date of delivery of the shRNA kit. To arrange for a free replacement with newly designed constructs, please contact Technical Services at techsupport@origene.com. Please provide your data indicating the transfection efficiency and measurement of gene expression knockdown compared to the scrambled shRNA control (Western Blot data preferred).